



PATENT ABSTRACTS OF JAPAN

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YAMAGUCHI MICHIO(54) **CROSSLINKED HYALURONIC ACID GEL AND
ITS PRODUCTION**

(57) Abstract:

PURPOSE: To obtain a rigid crosslinked hyaluronic acid gel highly resistant to enzymatic decomposition by gelling hyaluronic acid which is a biocomponent under specified conditions and crosslinking the obtained gel with an epoxy compound.

CONSTITUTION: The objective gel is formed by crosslinking cured hyaluronic acid containing an aqueous solution with an epoxy compound. For example, it is produced by putting a hyaluronic acid solution containing an uncrosslinked epoxy compound at a pH of 2.0-3.8 in 20-80wt.% water-soluble organic solvent to from cured hyaluronic acid and crosslinking the cured product.

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